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Title: JP8106886A2: BATTERY

Derwent Title: Battery for power source of portable video camera, etc. - comprises electrode set with separator between cathode and anode and electrolyte, in outer packaging can [\[Derwent Record\]](#)

Country: JP Japan
Kind: A (See also: [JP3258826B2](#))

Inventor: SHIMOKAWA MIYOKO;
 YOSHINO AKIRA;

Assignee: ASAHI CHEM IND CO LTD
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Published / Filed: 1996-04-23 / 1994-10-03

Application Number: JP1994000238729

IPC Code: [H01M 2/08](#); [H01M 2/10](#); [H01M 10/02](#);

Priority Number: 1994-10-03 JP1994000238729

Abstract: PURPOSE: To prevent the electrolyte leakage from a sealing part at falling and improve safety by providing silicone gel in the sealing part of a battery having an electrode body and electrolyte housed in a facing can and in the clearance between the battery and a battery case.

CONSTITUTION: Silicone gel 8 is provided in the sealing part 7 of a battery in which an electrode body formed by interposing a separator 2 between a positive electrode 1 and a negative electrode 3 and an electrolyte are housed in a facing can 9. The silicone gel 8 is also provided in the clearance part between the battery 11 and case 10 of a battery pack having the battery case 10 for housing the battery 11. The silicone gel 8 is a solid-liquid compatible material, which keeps the gelled state within a wide temperature range because the polymer frame is thermally stable. The hardness or viscosity can be freely changed by changing the molecular weights or cross-linked state of organopolysiloxane and polyhydrodiene siloxane, and no solvent or adhesive is required at coating or sticking.

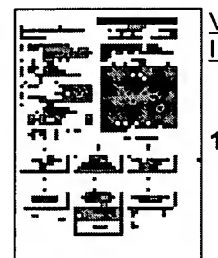
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References:

PDP	Patent	Pub.Date	Inventor	Assignee	Title
	US6586912	2003-07-01	Tsukamoto; Hisashi	Quallion LLC	Method and apparatus for amplitude limiting battery temperature spikes

Other Abstract
Info:

DERABS C96-257033 DERC96-257033

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(19)

(11) Publication number: **081061**

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PATENT ABSTRACTS OF JAPAN(21) Application number: **06238729**(51) Intl. Cl.: **H01M 2/08 H01M 2/10 H01M 10/02**(22) Application date: **03.10.94**

(30) Priority:	(71) Applicant: ASAHI CHEM IND CO LTD
(43) Date of application publication: 23.04.96	(72) Inventor: SHIMOKAWA MIYOKO YOSHINO AKIRA
(84) Designated contracting states:	(74) Representative:

(54) BATTERY

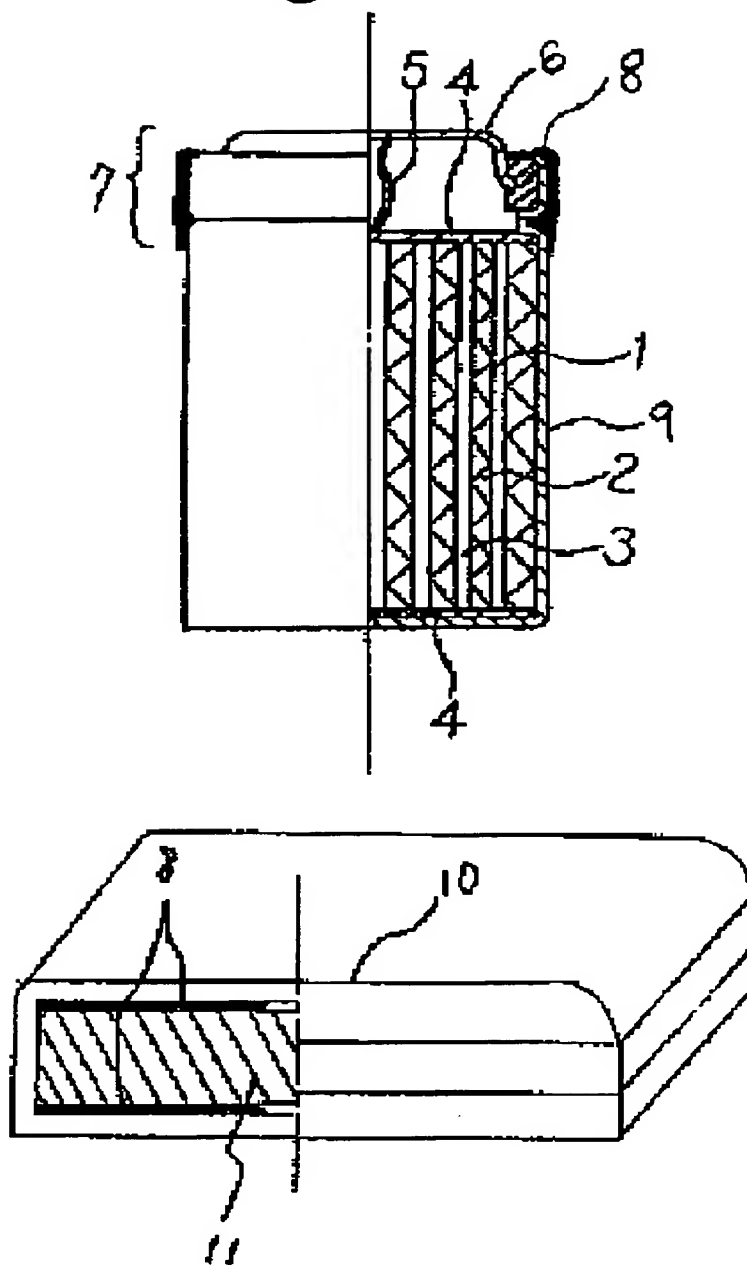
(57) Abstract:

PURPOSE: To prevent the electrolyte leakage from a sealing part at falling and improve safety by providing silicone gel in the sealing part of a battery having an electrode body and electrolyte housed in a facing can and in the clearance between the battery and a battery case.

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